

The Commonwealth of Massachusetts  
Executive Office of Health and Human Services  
Department of Public Health  
William A. Hinton State Laboratory Institute  
305 South Street, Jamaica Plain, MA 02130

DEVAL L. PATRICK  
GOVERNOR

TIMOTHY P. MURRAY  
LIEUTENANT GOVERNOR

JUDYANN BIGBY, MD  
SECRETARY

JOHN AUERBACH  
COMMISSIONER

01/13/2011

Megan Mahoney  
Assistant District Attorney, Plymouth County

Dear ADA Mahoney,

Enclosed is the information you requested in regards to Commonwealth vs. [REDACTED]  
Included are copies of the following:

1. Drug Analysis Laboratory Receipt.
2. Curriculum Vitae for Annie Dookhan & Kate Corbett.
3. Control Cards with analytical results for samples # [REDACTED]
4. Analysis sheets with chemist's hand notations and test results.
5. GC/Mass Spectral analytical data for samples # [REDACTED]

I, Annie Dookhan, was the custodial chemist and performed the preliminary testing and net weight for this sample. Kate Corbett was the confirmatory chemist and analyzed the GC/MS data for this sample.

If you have any questions about these materials, please call me at the number below.

Sincerely,

A handwritten signature in black ink, appearing to read "Annie Khan".

Annie Khan (Dookhan)  
Chemist II  
Drug Analysis Lab  
Jamaica Plain, MA. 02130  
(617) 983-6631

PLEASE PRINT CLEARLY OR TYPE ALL INFORMATION

*The Commonwealth of Massachusetts*  
*Executive Office of Health and Human Services*  
*Department of Public Health*  
*State Laboratory Institute*

Boston Drug Laboratory  
Tel (617) 983-6622  
Fax (617) 983-6625

Amherst Drug Laboratory  
Tel (413) 545-2601  
Fax (413) 545-2608

Boston Hours

8:00 - 11:00  
2:00 - 4:00

Amherst Hours

9:00 - 12:00  
1:00 - 3:00

**DRUG RECEIPT**

City or Department: Brockton Police Department Police Reference No.: [REDACTED]

Name and Rank of Submitting Officer: DONOHUE, PATRICK S 380 DOC # R012862

Defendant(s) Name (last,first,initial):  
[REDACTED]

*To be completed by Submitter*

**Description of Items Submitted**

*To be completed by Lab Personnel*

**Gross Weight**

**Lab Number**

1) PINK TABLETS (QTY: 3) TABLETS (S17766 )	2.65g	[REDACTED]
2) PINK TABLETS (QTY: 2) TABLETS (S17767 )	1.72g	[REDACTED]

Received By: [Signature]

Date: 4-28-10

## Curriculum Vitae

Annie Khan (Dookhan)

### Education:

University of Massachusetts, Boston, Ma, Master of Science in Chemistry.

University of Massachusetts, Boston, Ma, Bachelor of Science in Biochemistry.

### Experience:

2003 – present

Chemist I, II, Massachusetts Department of Public Health, Drug Analysis Laboratory

- \*Completed six-week training course conducted by senior staff within the Department of Public Health, Drug Analysis Laboratory.

- \*Appointed Assistant Analyst by Assistant Commissioner of Public Health, January 2004.

- \*Responsible for the identification of drugs to determine violations of harmful and narcotic drug laws.

- \*Trained in the use of complex analytical instrumentation, microscopes and balances for the purpose of drug analysis.

- \*Maintenance and repairs of all analytical instruments.

- \*Responsible for the Quality Control of all analytical instruments, reagents and controls/standards.

- \*Responsible for the Quality Control/Quality Assurance program for the drug lab.

- \*Notary Public.

- \*Qualified as an expert witness in Massachusetts Courts and U.S. District Court

2001 – 2003

QC Analyst I, II, UMMS-Massachusetts Biologic Laboratory, QC Material Control

- \*Completed proficiency training conducted by a member of the staff within the MLB Quality Control and Quality Assurance Department.

- \*Method Development for creating new techniques and enhancing vaccines for the QC Dept. and FDA.

- \*Writing, revising and reviewing Standard Operating Procedures (SOPs).

- \*Routine QC testing of products for the FDA.

- \*Trained in the use of complex analytical instrumentation, and balances for the purpose of QC analysis for product and validation projects.

- \*Calibration, preventive maintenance, QC and QA of analytical instrumentation.

- \*Complete testing of chemicals for Vendor Validation Project for the FDA.

- \*Compendial testing and interpretation of the USP, ACS, FCC, AOAC, Merck Index, PDR, etc.

### Additional Training:

Dept. of Justice – Forensics Professionals.

GLP/GMP course with Massachusetts Biologic Laboratory.

QC/QA training according to FDA Codes and Regulations.

GC and GC/MS courses with Agilent Technologies and Restek.

HPLC course with Waters Cooperation.

FTIR course with Spectros.

TOC training with MBL and Sievers.

### Association:

American Chemical Society (ACS)

Northeastern Association of Forensics Science (NEAFS)

## Curriculum Vitae

Kate A. Corbett

### Education

**Bachelor of Science Degree, CHEMISTRY May 2003**

**MERRIMACK COLLEGE**

Coursework included: Organic Chemistry, Inorganic Chemistry, Quantitative Analysis, Instrumental Analysis, Physical Chemistry, Physics, Calculus

---

### Employment

**Chemist II State Laboratory Institute (March 2008-Present)**

Massachusetts Department of Public Health

Drug Analysis Laboratory

- Responsible for the identification of substance and trafficking substances to determine violation of the Massachusetts drug laws
- Responsible for the identification of pharmaceuticals to determine violation of the Massachusetts drug laws
- Operate analytical instrumentation, microscopes and balances for forensic drug analysis

**Chemist I State Laboratory Institute (2005-March 2008)**

Massachusetts Department of Public Health

Drug Analysis Laboratory

- Responsible for the identification of substance to determine violation of the Massachusetts drug laws
- Operate analytical instrumentation for the purpose of performing forensic drug analysis
- Successfully completed an eight week training course in the analysis of drugs conducted by senior staff of the Department of Public Health, Drug Analysis Laboratory
- Appointed an assistant analyst for the Department of Public Health, Drug Analysis Laboratory in 2005.

**Research Associate (September 2003 – August 2005)**

SENSOR TECHNOLOGIES, INC - Shrewsbury, MA

- Prepared chemistries used in making sensor beads
- Generated and examined sensors employing fluorescence spectroscopy
- Performed protein, dye and sugar assays using UV/VIS spectrophotometry
- Carried out titrations on ricin using fluorescence correlation spectroscopy
- Statistical analysis of experimental data

**Intern (March 2003 – August 2003)**

MASSACHUSETTS STATE POLICE CRIME LABORATORY - Sudbury, MA

- Assisted in the gathering of case files to fulfill the National Institute of Justice's No Suspect Backlog Reduction Grant
- Observed in the Evidence, Criminalistics, DNA, Drug, Trace, Toxicology, and Bomb/Arson Units

No. [REDACTED]

Date Analyzed:

8/26/10

City: Brockton Police Dept.

Officer: Detective PATRICK DONOHUE

Def: [REDACTED]

Amount: 2.0

Subst: TAB

No. Cont: 1 Cont: pb

Date Rec'd: 04/28/2010

No. Analyzed:

Gross Wt.: 1.72

Net Weight: 0.20

# Tests: 1 ASD

20AC

Prelim: Oxycodone S

Findings:

OKy codeine

## Pharmaceutical Analysis Sheet

Sample #                      City Brockton E.O. weight 2.6  
Count 3 Description: pink round tablet  
17-pb  
Ballistic I.D. K 56  
I.D. Source Munaco  
Oxycodone  
Final I.D. Oxycodone MS chemist ASD/KAC completed 8-26-10

Sample #                      City Brockton E.O. weight 1.7  
Count 2 Description: PURIC round tablet  
17185  
Ballistic I.D. K 56  
I.D. Source monomelic  
oxycodone  
Final I.D. oxycodone MS chemist ASD/KAC completed 8-26-10

Sample # \_\_\_\_\_ City \_\_\_\_\_ E.O. weight \_\_\_\_\_

Count \_\_\_\_\_ Description: \_\_\_\_\_

Ballistic I.D. \_\_\_\_\_

I.D. Source \_\_\_\_\_

Final I.D. \_\_\_\_\_ MS chemist \_\_\_\_\_ completed \_\_\_\_\_

**POISINDEX® Product List****Oxycodone Hydrochloride****Also known as** Oxycodone HCl**Regulatory-Status:** Schedule II**Ingredients****Active-Ingredient:** Oxycodone Hydrochloride - 10 MG**Excipients:** Starch, Corn  
Lactose (Monohydrate)  
Cellulose, Microcrystalline  
Silicon Dioxide  
Sodium Starch Glycolate  
Stearic Acid  
D&C Red No. 27 Aluminum Lake**Availability & Manufacturing****Availability:** United States**Available-Container-Size:** Bottle of 100**Contact:** KVK-Tech**Manufacturer Product Codes:** UPC 10702-05601**Product ID:** 6998103**AAPCC Code:** 037705 - Oxycodone Alone or in Combination (Excluding Combination Products with Acetaminophen or Acetylsalicylic Acid)**Registry Numbers:** NDC 10702-056-01**Physical Description****Imprint:** K 56 - The tablet is debossed with K on left and 56 on right of the bisect on one side and plain on the other side.**Alt Imprint:** K56 - The tablet is debossed with K on left and 56 on right of the bisect on one side and plain on the other side.**Form:** Oral Tablet**Color:** Pink**Shape:** Circle

© 1974- 2011 Thomson Reuters. All rights reserved.

**POISINDEX® Product List****Oxycodone Hydrochloride**

**Also known as** Oxycodone HCl

**Regulatory-Status:** Schedule II

**Ingredients**

**Active-Ingredient:** Oxycodone Hydrochloride - 10 MG

**Excipients:** Starch, Corn  
Lactose (Monohydrate)  
Cellulose, Microcrystalline  
Silicon Dioxide  
Sodium Starch Glycolate  
Stearic Acid  
D&C Red No. 27 Aluminum Lake

**Availability & Manufacturing**

**Availability:** United States

**Available-Container-Size:** Bottle of 100

**Contact:** KVK-Tech

**Manufacturer Product Codes:** UPC 10702-05601

**Product ID:** 6998103

**AAPCC Code:** 037705 - Oxycodone Alone or in Combination (Excluding Combination Products with Acetaminophen or Acetylsalicylic Acid)

**Registry Numbers:** NDC 10702-056-01

**Physical Description**

**Imprint:** K 56 - The tablet is debossed with K on left and 56 on right of the bisect on one side and plain on the other side.

**Alt Imprint:** K56 - The tablet is debossed with K on left and 56 on right of the bisect on one side and plain on the other side.

**Form:** Oral Tablet

**Color:** Pink

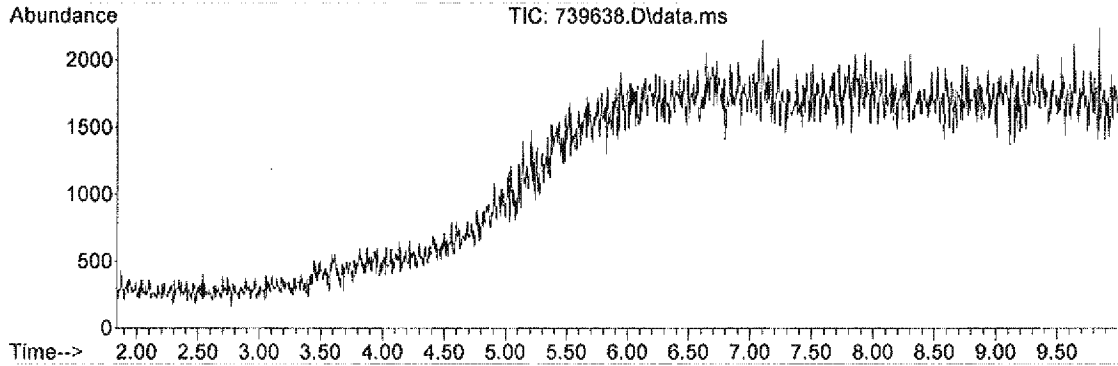
**Shape:** Circle

© 1974- 2011 Thomson Reuters. All rights reserved.

✓KAC  
1/10/11

## Information from Data File:

File Name : J:\08\_25\_10\739638.D  
Operator : KAC  
Date Acquired : 25 Aug 2010 16:53  
Sample Name : BLANK  
Submitted by :  
Vial Number : 2  
AcquisitionMeth: DRUGS.M  
Integrator : RTE

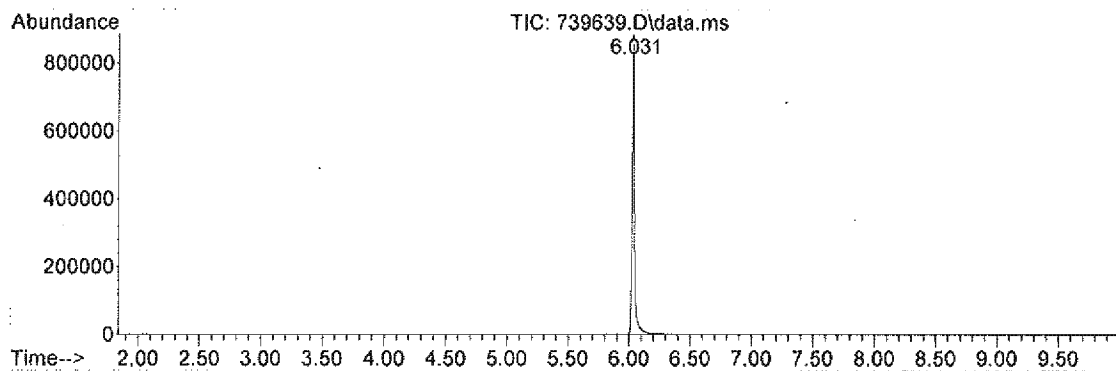


Ret. Time	Area	Area %	Ratio %
-----------	------	--------	---------

\*\*\*NO INTEGRATED PEAKS\*\*\*

## Information from Data File:

File Name : J:\08\_25\_10\739639.D  
Operator : KAC  
Date Acquired : 25 Aug 2010 17:05  
Sample Name : OXYCODONE STD  
Submitted by :  
Vial Number : 39  
AcquisitionMeth: DRUGS.M  
Integrator : RTE



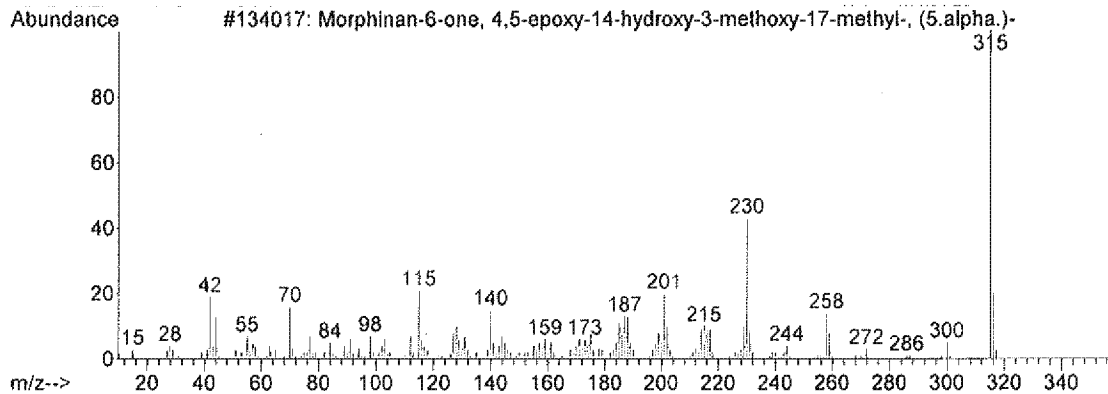
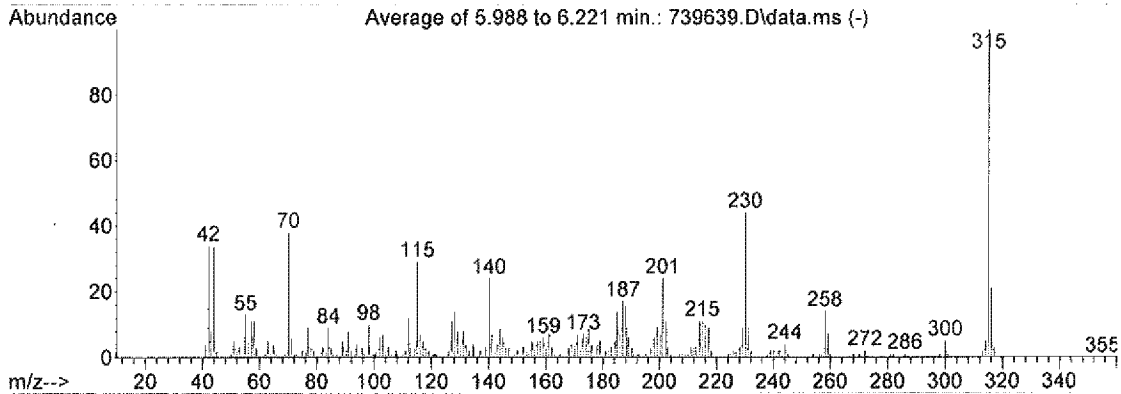
Ret. Time	Area	Area %	Ratio %
6.031	1210959	100.00	100.00

## Information from Data File:

File Name : J:\08\_25\_10\739639.D  
Operator : KAC  
Date Acquired : 25 Aug 2010 17:05  
Sample Name : OXYCODONE STD  
Submitted by :  
Vial Number : 39  
AcquisitionMeth: DRUGS.M  
Integrator : RTE

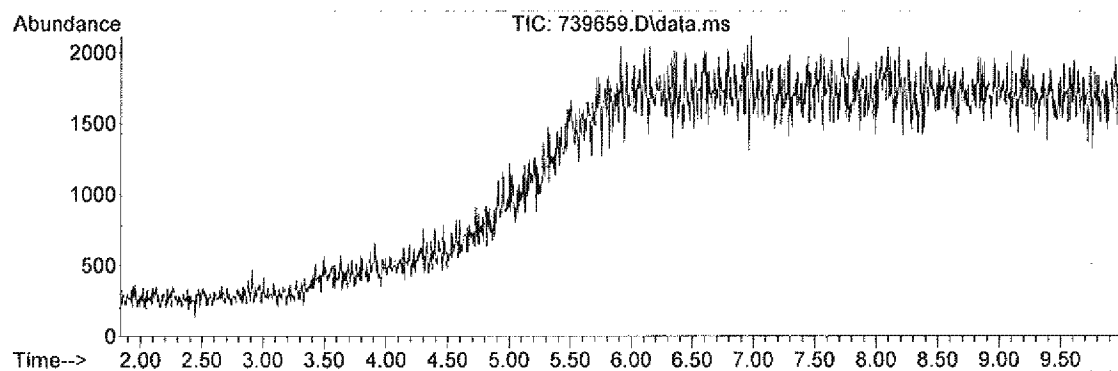
Search Libraries: C:\Database\SLI.L Minimum Quality: 80  
C:\Database\NIST05a.L Minimum Quality: 80  
C:\Database\PMW\_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	6.03	C:\Database\NIST05a.L		
		Morphinan-6-one, 4,5-epoxy-14-hydro	000076-42-6	99
		Morphinan-6-one, 4,5-epoxy-14-hydro	000076-42-6	99
		Morphinan-6-one, 4,5-epoxy-14-hydro	000076-42-6	99



## Information from Data File:

File Name : J:\08\_25\_10\739659.D  
Operator : KAC  
Date Acquired : 25 Aug 2010 21:18  
Sample Name : BLANK  
Submitted by : ASD  
Vial Number : 2  
AcquisitionMeth: DRUGS.M  
Integrator : RTE

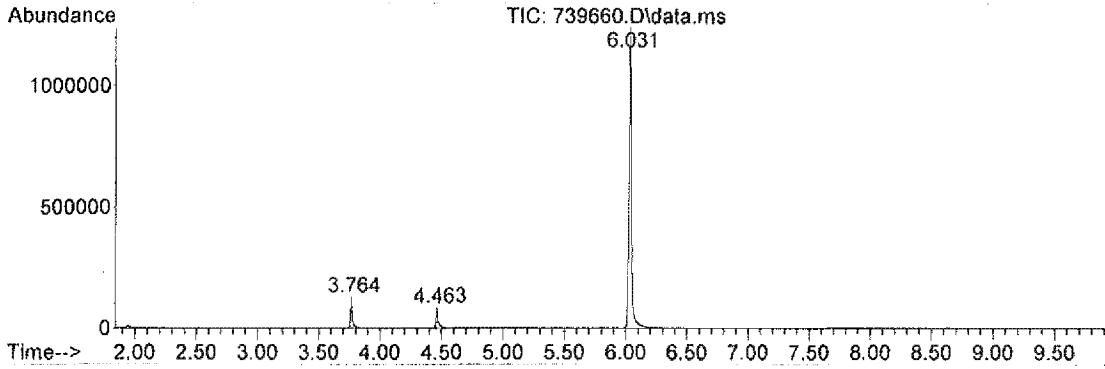


Ret. Time	Area	Area %	Ratio %
-----------	------	--------	---------

\*\*\*NO INTEGRATED PEAKS\*\*\*

## Information from Data File:

File Name : J:\08\_25\_10\739660.D  
Operator : KAC  
Date Acquired : 25 Aug 2010 21:30  
Sample Name : XXXXXXXXXX  
Submitted by : ASD  
Vial Number : 60  
AcquisitionMeth: DRUGS.M  
Integrator : RTE



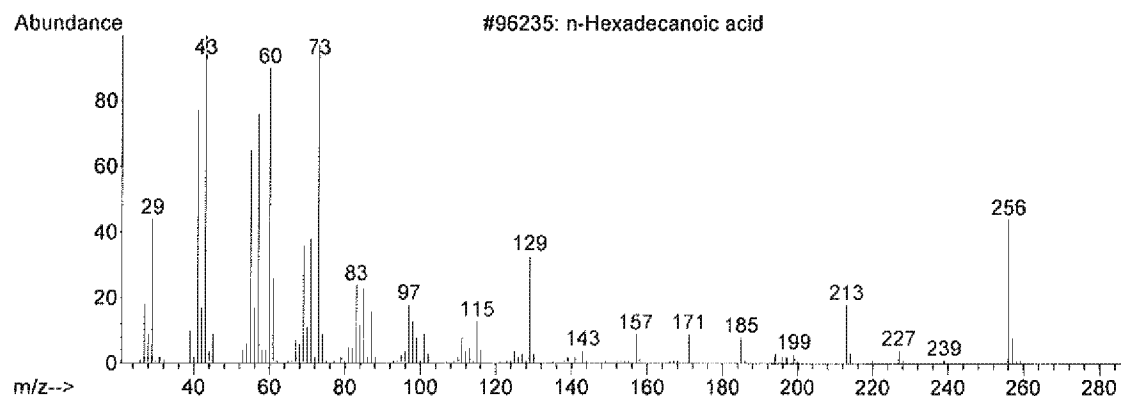
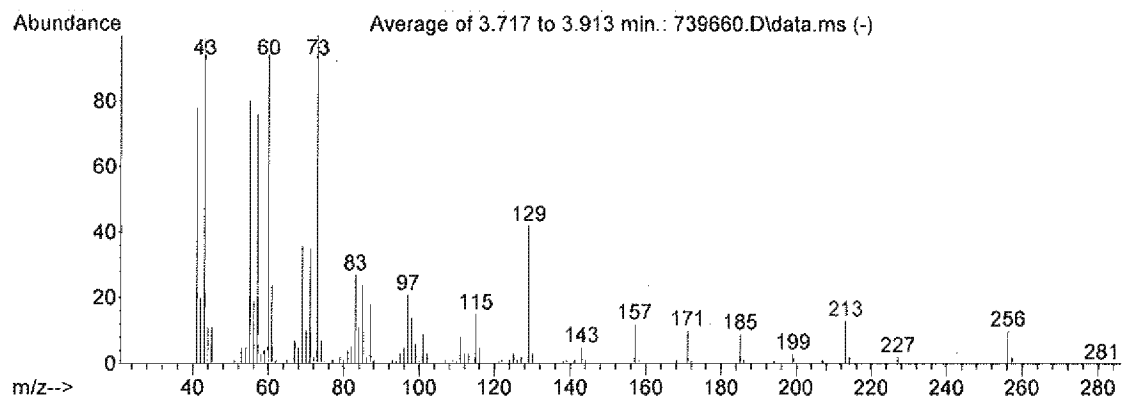
Ret. Time	Area	Area %	Ratio %
3.764	150206	7.35	8.45
4.463	115149	5.64	6.48
6.031	1776987	87.01	100.00

## Information from Data File:

File Name : J:\08\_25\_10\739660.D  
Operator : KAC  
Date Acquired : 25 Aug 2010 21:30  
Sample Name : XXXXXXXXXX  
Submitted by : ASD  
Vial Number : 60  
AcquisitionMeth: DRUGS.M  
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80  
C:\Database\NIST05a.L Minimum Quality: 80  
C:\Database\PMW\_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	3.76	C:\Database\NIST05a.L		
		n-Hexadecanoic acid	000057-10-3	98
		n-Hexadecanoic acid	000057-10-3	97
		n-Hexadecanoic acid	000057-10-3	91

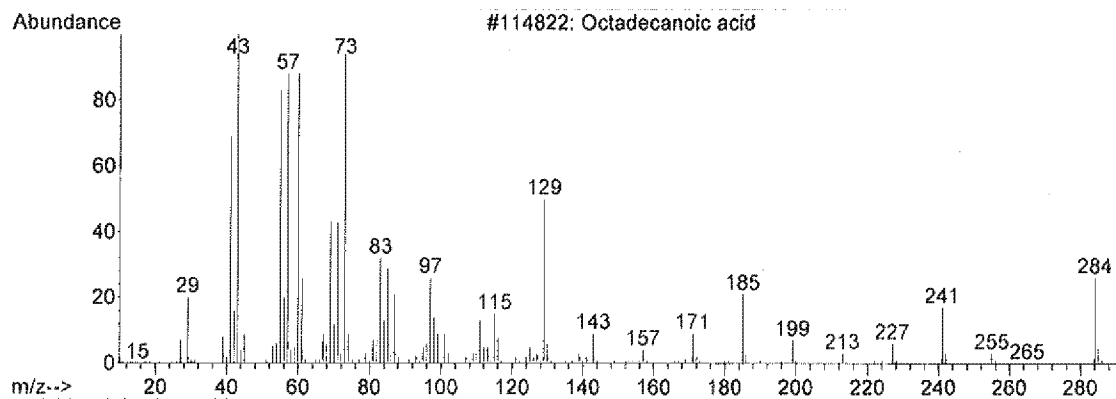
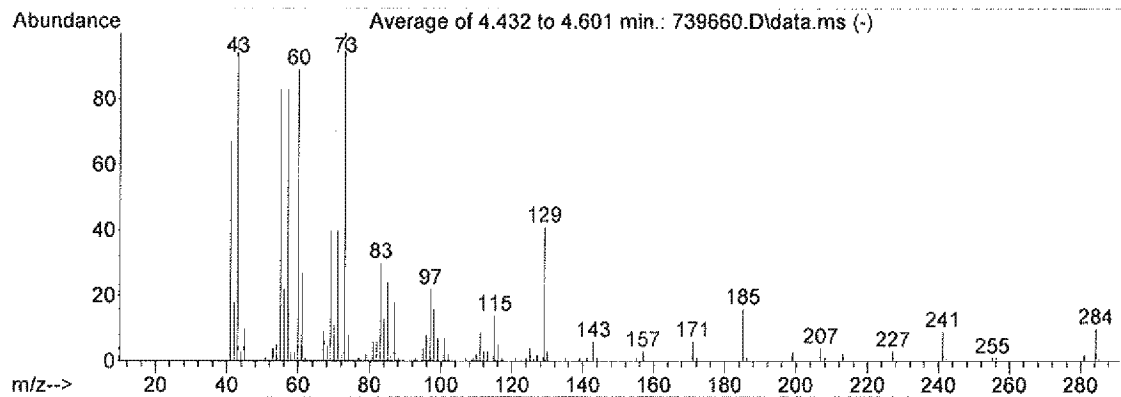


## Information from Data File:

File Name : J:\08\_25\_10\739660.D  
Operator : KAC  
Date Acquired : 25 Aug 2010 21:30  
Sample Name : XXXXXXXXXX  
Submitted by : ASD  
Vial Number : 60  
AcquisitionMeth: DRUGS.M  
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80  
C:\Database\NIST05a.L Minimum Quality: 80  
C:\Database\PMW\_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
2	4.46	C:\Database\NIST05a.L		
		Octadecanoic acid	000057-11-4	99
		Octadecanoic acid	000057-11-4	96
		Octadecanoic acid	000057-11-4	95

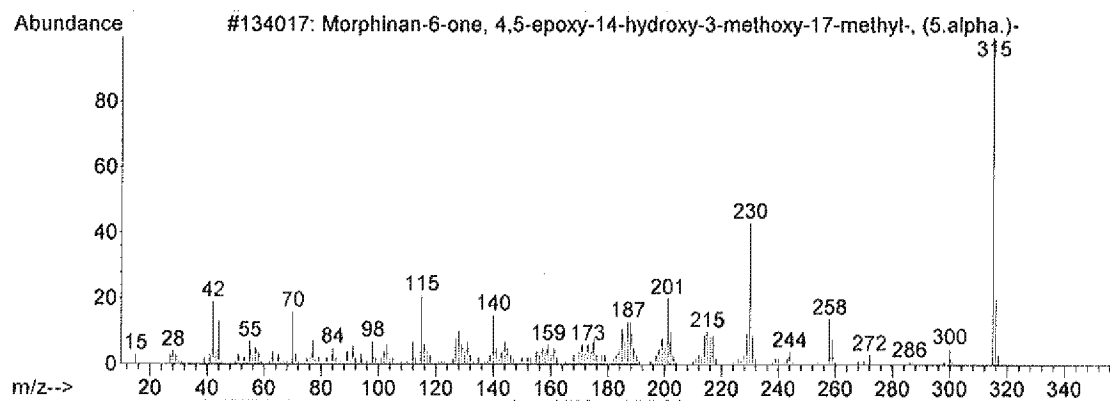
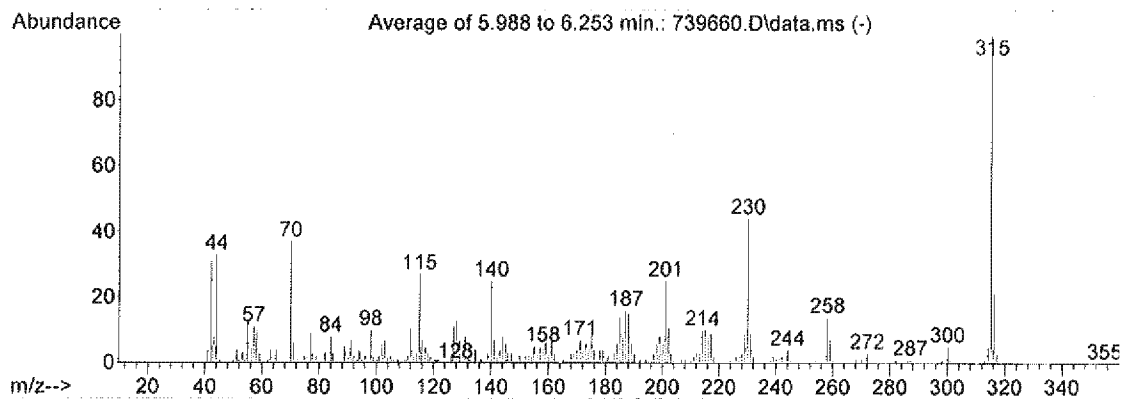


## Information from Data File:

File Name : J:\08\_25\_10\739660.D  
Operator : KAC  
Date Acquired : 25 Aug 2010 21:30  
Sample Name : XXXXXXXXXX  
Submitted by : ASD  
Vial Number : 60  
AcquisitionMeth: DRUGS.M  
Integrator : RTE

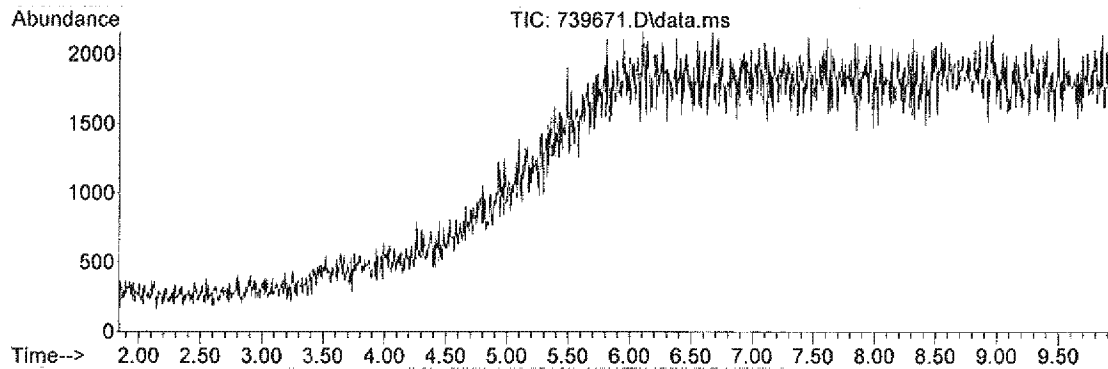
Search Libraries: C:\Database\SLI.L Minimum Quality: 80  
C:\Database\NIST05a.L Minimum Quality: 80  
C:\Database\PMW\_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
3	6.03	C:\Database\NIST05a.L		
		Morphinan-6-one, 4,5-epoxy-14-hydro	000076-42-6	99
		Morphinan-6-one, 4,5-epoxy-14-hydro	000076-42-6	99
		Morphinan-6-one, 4,5-epoxy-14-hydro	000076-42-6	99



## Information from Data File:

File Name : J:\08\_25\_10\739671.D  
Operator : KAC  
Date Acquired : 25 Aug 2010 23:49  
Sample Name : BLANK  
Submitted by :  
Vial Number : 2  
AcquisitionMeth: DRUGS.M  
Integrator : RTE

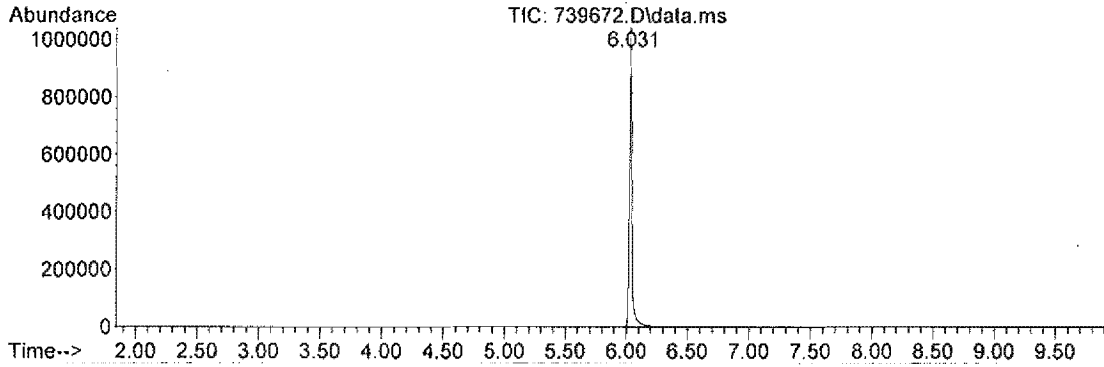


Ret. Time	Area	Area %	Ratio %
-----------	------	--------	---------

\*\*\*NO INTEGRATED PEAKS\*\*\*

## Information from Data File:

File Name : J:\08\_25\_10\739672.D  
Operator : KAC  
Date Acquired : 26 Aug 2010 00:02  
Sample Name : OXYCODONE STD  
Submitted by :  
Vial Number : 39  
AcquisitionMeth: DRUGS.M  
Integrator : RTE



Ret. Time	Area	Area %	Ratio %
6.031	1446326	100.00	100.00

## Information from Data File:

File Name : J:\08\_25\_10\739672.D  
Operator : KAC  
Date Acquired : 26 Aug 2010 00:02  
Sample Name : OXYCODONE STD  
Submitted by :  
Vial Number : 39  
AcquisitionMeth: DRUGS.M  
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80  
C:\Database\NIST05a.L Minimum Quality: 80  
C:\Database\PMW\_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	6.03	C:\Database\NIST05a.L		
		Morphinan-6-one, 4,5-epoxy-14-hydro	000076-42-6	99
		Morphinan-6-one, 4,5-epoxy-14-hydro	000076-42-6	99
		Morphinan-6-one, 4,5-epoxy-14-hydro	000076-42-6	99

